	Type	Hits	Search Text	DBs
1	BRS	123	(((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
2	BRS	30	((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))	USPAT
3	BRS	18	(((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))	USPAT

	Time Stamp	Comments	Error Definition	Errors
1	2003/01/16 14:17			0
2	2003/01/16 14:17			0
3	2003/01/16 14:30			0

	Type	Hits	Search Text	DBs
4	BRS	13	((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and grin	USPAT
5	BRS	5	((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave	USPAT

	Time Stamp	Comments	Error Definition	Errors
4	2003/01/16 14:18			0
5	2003/01/16 14:35			0

	Type	Hits	Search Text	DBs
6	BRS	12	(((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3	USPAT

	Time Stamp	Comments	Error Definition	Errors
6	2003/01/16 14:32			0

	Type	Hits	Search Text	DBs
7	BRS	123	((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) and grin)) ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers	USPAT
8	BRS	14	("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.	USPAT

	Time Stamp	Comments	Error Definition	Errors
7	2003/01/16 14:41			0
8	2003/01/16 15:50			0

	Type	Hits	Search Text	DBs
9	BRS	4	(("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) and grin	USPAT
10	BRS	10	(("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) not ((("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) and grin)	USPAT
11	BRS	89	grin same fiber$1 same (selfoc$5)	USPAT
12	BRS	5	((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3)	USPAT
13	BRS	26	((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) not (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3))	USPAT
14	BRS	31	(grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))	USPAT

	Time Stamp	Comments	Error Definition	Errors
9	2003/01/16 14:42			0
10	2003/01/16 14:43			0
11	2003/01/16 15:08			0
12	2003/01/16 14:54			0
13	2003/01/16 14:54			0
14	2003/01/16 15:09			0

	Type	Hits	Search Text	DBs
15	BRS	79	grin same (fiber$1 adj1 lens$2)	USPAT
16	BRS	17	(grin same (fiber$1 adj1 lens$2)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))	USPAT
17	BRS	62	(grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)	USPAT
18	BRS	6	(((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) and grating) not ((grin same (fiber$1 adj1 lens$2)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating)))	USPAT
19	BRS	37	((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) not (((grin same (fiber$1 adj1 lens$2)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) (((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) and grating) ((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) not (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3))) (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3)) (((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1	USPAT

	Time Stamp	Comments	Error Definition	Errors
15	2003/01/16 16:24			0
16	2003/01/16 15:51			0
17	2003/01/16 15:19			0
18	2003/01/16 15:18			0
19	2003/01/16 15:20			0

	Type	Hits	Search Text	DBs
20	BRS	57	(((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) not (((grin same (fiber$1 adj1 lens$2)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) (((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) and grating) ((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) not (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3))) (((grin same fiber$1 same (selfoc$5)) and (split$4 and (reflect$4 mirror$1 micromirror$2 grating))) and (numer$4 near1 apertu$3)) (((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1	USPAT
21	BRS	16	(("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) (("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.)	USPAT

	Time Stamp	Comments	Error Definition	Errors
20	2003/01/16 15:49			0
21	2003/01/16 20:02			0

	Type	Hits	Search Text	DBs
22	BRS	14	(((("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) (("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.)) and ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))	USPAT
23	BRS	27	grin same (fiber$1 adj1 lens$2)	US-PGPUB; EPO; JPO; DERWENT
24	BRS	0	(((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (microlens$2 lens$2 grin covex) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) not ((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3)))) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT

	Time Stamp	Comments	Error Definition	Errors
22	2003/01/16 15:59			0
23	2003/01/16 16:24			0
24	2003/01/16 16:40			0

	Type	Hits	Search Text	DBs
25	BRS	11	((("6498870" "6445939" "6381382" "6263123" "6217698" "6204945" "5956167" "5943463" "5844410" "5661835" "5621832" "5566260" "5037173" "4493212").pn.) (("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.)) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
26	BRS	1	6366716.pn.	USPAT
27	BRS	1	6366716.pn. and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4)))	USPAT
28	BRS	5	("6438954" "6404942" "6388359" "6449406" "6434291").pn.	USPAT
29	BRS	4	(("6438954" "6404942" "6388359" "6449406" "6434291").pn.) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4)))	USPAT
30	BRS	1	(("6438954" "6404942" "6388359" "6449406" "6434291").pn.) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
31	BRS	0	(("6438954" "6404942" "6388359" "6449406" "6434291").pn.) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
32	BRS	1	6415082.pn.	USPAT
33	BRS	0	(("6415082" "6363183" "6449406" "6434291").pn.) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
34	BRS	4	("6415082" "6363183" "6449406" "6434291").pn.	USPAT
35	BRS	1	("6449406").pn.	USPAT

	Time Stamp	Comments	Error Definition	Errors
25	2003/01/16 17:38			0
26	2003/01/16 17:40			0
27	2003/01/16 17:44			0
28	2003/01/16 17:43			0
29	2003/01/16 17:44			0
30	2003/01/16 17:46			0
31	2003/01/16 17:49			0
32	2003/01/16 17:49			0
33	2003/01/16 17:56			0
34	2003/01/16 18:05			0
35	2003/01/16 18:05			0

	Type	Hits	Search Text	DBs
36	BRS	1	(("6449406").pn.) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4)))	USPAT
37	BRS	0	(("6449406").pn.) and ((fiber$1 waveguide$1 (wave near1 guide$1)) near4 (microlens$2 lens$2 grin covex) near3 (integrat$4 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
38	BRS	1	(("6449406").pn.) and ((fiber$1 waveguide$1 (wave near1 guide$1)) same (microlens$2 lens$2 grin covex) same (integrat$4 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
39	BRS	1	6411753.pn.	USPAT
40	BRS	0	6411753.pn. and ((fiber$1 waveguide$1 (wave near1 guide$1)) same (microlens$2 lens$2 grin covex) same (integrat$4 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
41	BRS	0	((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) not ((((((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near7 (lens$2 grin covex microlens$2)) same (reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and (((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near5 (lens$2 grin covex microlens$2)) near5 (fus$4 attach$3 glu$3 join$3 bond$3 stick$3))) and (split$4 and (reflect$4 mirror$1 micromirror$2))) and grin)) and (grin same (fiber$1 adj1 lens$2))	USPAT
42	BRS	1	6411753.pn. and ((fiber$1 waveguide$1 (wave near1 guide$1)) same (microlens$2 lens$2 grin covex))	USPAT
43	BRS	1	(6411753.pn. and ((fiber$1 waveguide$1 (wave near1 guide$1)) same (microlens$2 lens$2 grin covex))) and (integrat$4 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)	USPAT
44	BRS	3	((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near3 (grin) near3 (weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) same (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))	USPAT

	Time Stamp	Comments	Error Definition	Errors
36	2003/01/16 18:06			0
37	2003/01/16 18:08			0
38	2003/01/16 18:41			0
39	2003/01/16 18:43			0
40	2003/01/16 18:51			0
41	2003/01/16 18:43			0
42	2003/01/16 18:45			0
43	2003/01/16 18:52			0
44	2003/01/16 19:15			0

	Type	Hits	Search Text	DBs
45	BRS	4	((fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides)) near3 (grin) near3 (weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))	USPAT
46	BRS	54	(fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin) near5 (weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)	USPAT
47	BRS	43	((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin) near5 (weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))	USPAT
48	BRS	1	5384874.pn.	USPAT
49	BRS	16	((grin same (fiber$1 adj1 lens$2)) and (reflect$4 mirror$1 micromirror$2 grating)) and grating	USPAT
50	BRS	6	("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.	USPAT
51	BRS	1	(("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.) and ((grin) near5 (weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
52	BRS	1	(("6507438" "6445939" "6411753" "5844410" "5566260" "4493212").pn.) and ((grin) near5 (weld$3 splic$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
53	BRS	3	("4701011" "5337380" "5384874").pn.	USPAT
54	BRS	0	(("4701011" "5337380" "5384874").pn.) and ((grin) near5 (weld$3 splic$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3))	USPAT
55	BRS	1	((("4701011" "5337380" "5384874").pn.) and (fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides))) and grin	USPAT
56	BRS	3	(("4701011" "5337380" "5384874").pn.) and (fibers (array near1 (fiber waveguide (wave near1 guide))) waveguides (wave near1 guides))	USPAT
57	BRS	1	4,268,112.pn.	USPAT
58	BRS	96	(fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)	USPAT
59	BRS	77	((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))	USPAT

	Time Stamp	Comments	Error Definition	Errors
45	2003/01/16 19:15			0
46	2003/01/16 21:28			0
47	2003/01/16 21:34			0
48	2003/01/16 20:02			0
49	2003/01/16 20:09			0
50	2004/02/03 18:50			0
51	2003/01/16 20:34			0
52	2003/01/16 20:45			0
53	2003/01/16 20:45			0
54	2003/01/16 20:46			0
55	2003/01/16 20:48			0
56	2003/01/16 21:07			0
57	2003/01/16 21:07			0
58	2003/01/16 21:53			0
59	2003/01/16 21:34			0

	Type	Hits	Search Text	DBs
60	BRS	57	(((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and grin	USPAT
61	BRS	20	(((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) not ((((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and grin)	USPAT
62	BRS	18	((((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) not ((((fiber$1 waveguide$1 (wave near1 guide$1)) near5 (grin (gradient near1 index)) near5 (epox$4 weld$3 integrat$5 fus$4 attach$3 glu$3 join$3 bond$3 stick$3)) and (dispers$4 reflect$4 mirror$1 micromirror$2 split$4 (grating same reflect$4))) and grin)) and (gradient near1 index near4 lens$2)	USPAT
63	BRS	1	(grin near2 cleav$3 near2 angle) same (fiber$1 waveguid$3 (wave near12 guide$1))	USPAT
64	BRS	1	6411753.pn.	USPAT
65	BRS	0	6411753.pn. and ((control$4 microcontrol$ mov$3 rotat$5) same (mirror$1 micromirror$1 reflect$4))	USPAT
66	BRS	1	((grin near2 cleav$3 near2 angle) same (fiber$1 waveguid$3 (wave near12 guide$1))) and ((size$1 dimension$2 micrometer$1) same mirror$1)	USPAT
67	BRS	1	6449406.pn.	USPAT
68	BRS	1	6449406.pn. and ((size$1 dimension$2 micrometer$1) same mirror$1)	USPAT
69	BRS	1	6366716.pn.	USPAT
70	BRS	0	'10/635430'	USPAT; US-PGPUB
71	BRS	0	'10/635,430'	USPAT; US-PGPUB
72	BRS	3	'09/896,789'	USPAT; US-PGPUB
73	BRS	0	(thermal near1 ind$3) same (thermal adj1 expansion$1) same material$1 same waveguide$1 same (athermal positive negative cancell$4)	USPAT; US-PGPUB
74	BRS	0	(thermal near1 ind$3) same (thermal adj1 expansion$1) same material$1 same waveguide$1	USPAT; US-PGPUB

	Time Stamp	Comments	Error Definition	Errors
60	2003/01/17 12:21			0
61	2003/01/16 21:50			0
62	2003/01/16 21:55			0
63	2003/01/17 12:48			0
64	2003/01/17 12:48			0
65	2003/01/17 13:10			0
66	2003/01/17 13:14			0
67	2003/01/17 13:13			0
68	2003/01/17 15:11			0
69	2003/01/17 15:11			0
70	2004/02/03 18:53			0
71	2004/02/03 18:54			0
72	2004/02/03 19:06			0
73	2004/02/03 19:10			0
74	2004/02/03 19:10			0

	Type	Hits	Search Text	DBs
75	BRS	0	(thermal near1 ind$3) same (thermal adj1 expansion$1) same material$1 and (waveguide$1 same (athermal positive negative cancell$4))	USPAT; US-PGPUB
76	BRS	8	(thermal near1 ind$3) same (thermal adj1 expansion$1) same material$1 and waveguide$1	USPAT; US-PGPUB
77	BRS	5	(thermal adj1 ind$3) same material and (thermal adj1 expansion$1) same material$1 and waveguide$1	USPAT; US-PGPUB
78	BRS	0	'20020154846' and ("6291936" "6282341" "6256442" "5903091").pn.	USPAT; US-PGPUB
79	BRS	4	("6291936" "6282341" "6256442" "5903091").pn.	USPAT; US-PGPUB
80	BRS	1	'20020154846'	USPAT; US-PGPUB
81	BRS	5	(("6291936" "6282341" "6256442" "5903091").pn.) '20020154846'	USPAT; US-PGPUB
82	BRS	5	((("6291936" "6282341" "6256442" "5903091").pn.) '20020154846') and (thermal adj1 ind$3) same material and (thermal adj1 expansion$1) same material$1	USPAT; US-PGPUB
83	BRS	1	'20040013372'	USPAT; US-PGPUB
84	BRS	1	6411753.pn.	USPAT; US-PGPUB
85	BRS	0	'10/635430'	USPAT; US-PGPUB
86	BRS	0	'10/635,430'	USPAT; US-PGPUB
87	BRS	0	'10,635,430'	USPAT; US-PGPUB
88	BRS	0	'10635430'	USPAT; US-PGPUB
89	BRS	1	6411753.pn.	USPAT; US-PGPUB
90	BRS	1	6411753.pn. and (diameter$1 size$1 mode$1)	USPAT; US-PGPUB
91	BRS	67	((fibers waveguides (wave adj1 guides) (second adj1 (fiber waveguide))) near7 grin near1 lens$2) same (diameter$1 mode$1)	USPAT
92	BRS	66	((fibers waveguides (wave adj1 guides)) near7 grin near1 lens$2) same (diameter$1 mode$1)	USPAT
93	BRS	1	((second adj1 (fiber waveguide)) near7 grin near1 lens$2) same (diameter$1 mode$1)	USPAT
94	BRS	67	(((fibers waveguides (wave adj1 guides)) near7 grin near1 lens$2) same (diameter$1 mode$1)) (((second adj1 (fiber waveguide)) near7 grin near1 lens$2) same (diameter$1 mode$1))	USPAT
95	BRS	1	"4217027".PN.	USPAT
96	BRS	1	"4262035".PN.	USPAT
97	BRS	1	"4701011".PN.	USPAT
98	BRS	1	"4701011".PN.	USPAT
99	BRS	1	"4900120".PN.	USPAT
100	BRS	1	"4900120".PN.	USPAT
101	BRS	1	"4909816".PN.	USPAT

	Time Stamp	Comments	Error Definition	Errors
75	2004/02/03 19:11			0
76	2004/02/04 11:07			0
77	2004/02/03 19:22			0
78	2004/02/03 19:22			0
79	2004/02/04 13:40			0
80	2004/02/03 19:22			0
81	2004/02/04 17:52			0
82	2004/02/04 17:43			0
83	2004/02/04 13:34			0
84	2004/02/04 13:41			0
85	2004/02/04 13:41			0
86	2004/02/04 13:41			0
87	2004/02/04 13:42			0
88	2004/02/04 13:42			0
89	2004/02/04 13:48			0
90	2004/02/04 13:52			0
91	2004/02/04 14:01			0
92	2004/02/04 19:12			0
93	2004/02/04 17:55			0
94	2004/02/04 18:20			0
95	2004/02/04 14:16			0
96	2004/02/04 14:16			0
97	2004/02/04 14:16			0
98	2004/02/04 14:17			0
99	2004/02/04 14:17			0
100	2004/02/04 14:17			0
101	2004/02/04 14:17			0

	Type	Hits	Search Text	DBs
102	BRS	1	"5050954".PN.	USPAT
103	BRS	1	"5076672".PN.	USPAT
104	BRS	1	"5076672".PN.	USPAT
105	BRS	1	"5337380".PN.	USPAT
106	BRS	1	"5384874".PN.	USPAT
107	BRS	1	"5680237".PN.	USPAT
108	BRS	1	"5680237".PN.	USPAT
109	BRS	1	"5865867".PN.	USPAT
110	BRS	1	"5905838".PN.	USPAT
111	BRS	1	"5905838".PN.	USPAT
112	BRS	1	"6014483".PN.	USPAT
113	BRS	1	"6014483".PN.	USPAT
114	BRS	1	"6105396".PN.	USPAT
115	BRS	1	"6131413".PN.	USPAT
116	BRS	1	"6172817".PN.	USPAT
117	BRS	1	"6174828".PN.	USPAT
118	BRS	1	"6219477".PN.	USPAT
119	BRS	1	"6267915".PN.	USPAT
120	BRS	56	(((((fibers waveguides (wave adj1 guides)) near7 grin near1 lens$2) same (diameter$1 mode$1)) (((second adj1 (fiber waveguide)) near7 grin near1 lens$2) same (diameter$1 mode$1))) and (grin lens$2) same (diameter$1 size$1 mode$1) near7 (fiber$1 core$1 waveguide$1)	USPAT
121	BRS	11	("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.	USPAT; US-PGPUB
122	BRS	9	(("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.) and ((grin lens$2) same (diameter$1 size$1 mode$1) near7 (fiber$1 core$1 waveguide$1))	USPAT
123	BRS	9	(("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.) and (grin lens$2) same (diameter$1 size$1 mode$1) near7 (fiber$1 core$1 waveguide$1)	USPAT
124	BRS	4	(("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.) and ((grin lens$2) same (diameter$1 size$1) near7 (core$1))	USPAT
125	BRS	0	6411753.pn. and core$1	USPAT; US-PGPUB
126	BRS	1	6411753.pn.	USPAT; US-PGPUB
127	BRS	1	6411753.pn. and diameter$1	USPAT; US-PGPUB
128	BRS	256	((fibers waveguides (wave adj1 guides)) near7 grin near1 lens$2)	USPAT

	Time Stamp	Comments	Error Definition	Errors
102	2004/02/04 14:17			0
103	2004/02/04 14:17			0
104	2004/02/04 14:18			0
105	2004/02/04 14:18			0
106	2004/02/04 14:19			0
107	2004/02/04 14:23			0
108	2004/02/04 14:24			0
109	2004/02/04 14:25			0
110	2004/02/04 14:25			0
111	2004/02/04 14:25			0
112	2004/02/04 14:25			0
113	2004/02/04 14:26			0
114	2004/02/04 14:26			0
115	2004/02/04 14:26			0
116	2004/02/04 14:26			0
117	2004/02/04 14:27			0
118	2004/02/04 14:27			0
119	2004/02/04 14:27			0
120	2004/08/19 15:43			0
121	2004/02/05 10:19			0
122	2004/02/04 18:22			0
123	2004/02/04 18:25			0
124	2004/02/04 19:08			0
125	2004/02/04 19:09			0
126	2004/02/04 19:09			0
127	2004/02/04 19:10			0
128	2004/02/04 19:12			0

	Type	Hits	Search Text	DBs
129	BRS	30	(((fibers waveguides (wave adj1 guides)) near7 grin near1 lens$2)) and (core$1 near3 (size$1 diameter$1)) same lens$2	USPAT
130	BRS	11	("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.	USPAT; US-PGPUB
131	BRS	2	(("6542665" "6519032" "6222954" "6198858" "6044187" "5757993" "5754716" "5701375" "5608831" "4701011" "4493212").pn.) and (fundament$4 same mod$2)	USPAT; US-PGPUB
132	BRS	156	(fiber$1 waveguide$1 (wave adj1 guide$1)) near7 (grin near1 lens$2) same mod$2	USPAT
133	BRS	421	385/28.ccls.	USPAT
134	BRS	5	((fiber$1 waveguide$1 (wave adj1 guide$1)) near7 (grin near1 lens$2) same mod$2) and 385/28.ccls.	USPAT
135	BRS	7	(fiber$1 waveguide$1 (wave adj1 guide$1)) near7 (grin near1 lens$2) same mod$2	EPO; JPO; DERWENT
136	BRS	1	5757993.pn.	USPAT; US-PGPUB
137	BRS	1	5757993.pn. and (siz$3 mod$3 diameter$2 larg$4 smal$4)	USPAT; US-PGPUB
138	BRS	0	'10/635430'	USPAT; US-PGPUB
139	BRS	3	'09/896789'	USPAT; US-PGPUB
140	BRS	1	'09/896789' and (fundamental same equal)	USPAT; US-PGPUB
141	BRS	1	'09/896789' and (fundamental same size)	USPAT; US-PGPUB
142	BRS	1	'09/896789' and (fundamental same size) and magnif$7	USPAT; US-PGPUB
143	BRS	1	(5757993.pn. and (siz$3 mod$3 diameter$2 larg$4 smal$4)) and (fundamental magnif$7)	USPAT; US-PGPUB
144	BRS	1	'09/896789' and (discontinu$4 interface$4)	USPAT; US-PGPUB
145	BRS	0	'09/896789' and (core same cald$4 same ind$3)	USPAT; US-PGPUB
146	BRS	3	'09/896789' and (core$2 same clad$4 same ind$3)	USPAT; US-PGPUB
147	BRS	1	'09/896789' and (core$2 same clad$4) and etch$5	USPAT; US-PGPUB
148	BRS	0	'09/896789' and (core$2 same clad$4 same etch$5)	USPAT; US-PGPUB
149	BRS	1	'09/896789' and (core$2 clad$4) same etch$5	USPAT; US-PGPUB
150	BRS	1	5757993.pn. and (mod$3 same (siz$2 propaga$5 differen$4 fiber$1 waveguide$1))	USPAT; US-PGPUB
151	BRS	1	6222954.pn.	USPAT; US-PGPUB

	Time Stamp	Comments	Error Definition	Errors
129	2004/02/04 19:14			0
130	2004/02/05 10:19			0
131	2004/02/05 10:20			0
132	2004/02/09 12:11			0
133	2004/02/09 12:00			0
134	2004/02/09 12:00			0
135	2004/02/09 12:11			0
136	2004/02/10 14:13			0
137	2004/02/10 14:18			0
138	2004/08/19 15:36			0
139	2004/02/10 14:19			0
140	2004/02/10 14:21			0
141	2004/02/10 14:23			0
142	2004/02/10 14:26			0
143	2004/02/10 14:31			0
144	2004/02/10 14:33			0
145	2004/02/10 14:34			0
146	2004/02/10 14:44			0
147	2004/02/10 14:45			0
148	2004/02/10 14:45			0
149	2004/02/10 15:42			0
150	2004/08/19 13:57			0
151	2004/02/11 11:16			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L7	1	5757993.pn.	USPAT; US-PGPUB	2004/08/19 15:31
2	BRS	L8	1	7 and (mode$1)	USPAT; US-PGPUB	2004/08/19 15:33
3	BRS	L9	1	'10/635430'	USPAT; US-PGPUB	2004/08/19 15:36
4	BRS	L10	1	9 and (mode$1 same fundament$4 same siz$3)	USPAT; US-PGPUB	2004/08/19 15:36

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0